

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2005/000528

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 H04Q 7/24**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC7 : H04Q, H04M, G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

KR Patents and Utility Models since 1975

JP Utility Models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2000-21232 (IBM CO.) Apr. 13, 2000 See the whole document.	1-14
A	JP 2002-352262 A (NEC CORP; NEC SOFTWARE KYUSHU LTD) Dec. 6, 2002 See the whole document.	1-14
A	KR 2003-44668 (LG) Jun. 9, 2003 See the whole document.	1-14
A	KR 2001-44443 (TRONAGE CO.) Jun. 5, 2001 See the whole document.	1-14

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

27 MAY 2005 (27.05.2005)

Date of mailing of the international search report

**30 MAY 2005 (30.05.2005)**

Name and mailing address of the ISA/KR



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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2005/000528

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP1281284A2	05.02.2003	AU200162247A1	20.11.2001
		CN1429463	09.07.2003
		EP01281284A2	05.02.2003
		GB2362293A	14.11.2001
		GB200011405A0	28.06.2000
		US2004077337A1	22.04.2004
		W00186973A2	15.11.2001